

Improving productivity is the only sure way of increasing the size of the 'cake' we all want to share. Yet, though governments -and organisations - have begun to talk about productivity and productivity improvement, we seem to see little progress 'on the ground'. This event sets the agenda for the future of productivity development - for all key stakeholders.

This is designed to be an interactive discussion and we invite you to join us and participate in the discussions so that we get a full set of views on these important topics, helping build further trade, greater organizational capacity and long-term sustainable productivity growth.

Industry 4.0: Productivity and Innovation in Manufacturing

as part of
ITC 2017
Industry 4.0
Engineering the Interface with Real World

10 - 11 August 2017

NIMHANS, Bengaluru, India

www.techcongress.net/prod

Organised By



World Confederation of
Productivity Science



Institute of
Productivity



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The first theme investigates the concept of productivity and innovation as they relate to issues of quality and customer service by introduction of 'top-line productivity', to reflect the need to prioritise the top line of the productivity ratio (by adding more value rather than the bottom line (by reducing resource inputs). The second theme demonstrates that business performance and top-line productivity, in particular can be measured- an important component of effective management. The third theme looks at productivity improvement from the 'supply side' - infrastructure development, potential clusters for productivity, together with specific productivity improvement approaches. The fourth theme discusses trade, focusing on sustainable approaches to trade development. Finally, the fifth theme introduces the concept of top-line productivity improvement programmes, through which productivity improvement can be addressed on a continual basis throughout an entire organisation, as well as regionally and nationally.

The Indian Technology Congress is aimed at the wide audience. This moves from a conceptual framework to detailed action plans. This is aimed at businesses and organisations who want to explore the nature of productivity and innovation to relate productivity improvements and alternative business strategies. Each theme finishes with a set of keynote speakers to emphasize the main discussions of the theme and provide a feedback. The event is also suitable for, and appropriate to, practitioners and others who want to improve productivity within their own organisation.

Indian Institution of Production Engineers offers you the chance to be part of the manufacturing ecosystem business. Whether you are a leading businessman, industrialist, research-scholar, decision maker, administrator or a productivity practitioner will give you a unique perspective, real responsibility and valuable experience.

The IPE projects will be to develop the business change makers, change-makers knowledge along with soft skills before introducing productivity and innovation in development of world class business performance in manufacturing. This programme aimed to develop the ability to critically reflect in the workplace as well as their innovation processes and practices, and also include good practice visits to highly productive businesses and exchange visits.

Focused Areas

1. **Productivity and Innovation Strategies for Manufacturing Operations**
2. **Measuring and Improving Manufacturing Business Performance**
3. **Available Strategies, Approaches and Methodologies - the required partnership between government and business.**
4. **Trade Capacity Development Delivering Profitability and Driving Economic Performance**
5. **Top line Productivity Improvement Programmes.**

Who Should Attend?

- Government Officials
- Policy makers
- Industrialists
- Research-Scholars
- Decision Makers
- Administrators
- Productivity Practitioners
- Academia Professionals

Core Team Envisaged for PROD @ ITC 2017

Mr. G. Ramanand

Vice-President, South Zone
World Confederation of Productivity Science

Mr. OP Khanna

Chairman, Manipal Heart Foundation and
Former CMD, Ashok Leyland

Dr. Wooday P. Krishna

National President, IIPE and
Hony. General Secretary,
Seshadripuram Group of Educational Institutions

Dr. K. Gopalkrishnan

General-Secretary, IIPE
Dean, R&D, New Horizon College of Engineering

Mr. T. Sudhakar Pai

Managing Director, Manipal Group

Mr. S. Babu

Chairman - Karnataka State Board
All India Manufacturers Organisation

Mr. Gautham Balasubramanya

Research Fellow, Institute of Productivity

Dr. L.V. Muralikrishna Reddy

President (2014-2015),
The Institution of Engineers (India)

Padmashri. Prof. R.M. Vasagam

Chairman, IIPE and
Council Member, The Institution of Engineers (India)

About ITC-2017

Indian Technology Congress offers a unique International Knowledge Exchange platform for India's Business Research and Academic Leaders to collaborate with Policy-makers and the Government by building an environment that promotes engineering innovation. Creating an atmosphere for brainstorming the latest technology trends and its adoption for industrial excellence through the proceedings of ITC 2017.

The 5th consecutive annual edition of **Indian Technology Congress** much coveted & appreciated by one and all - the Industry Leaders, Top Academicians, Defense & Government establishment, Startups, Investors, Research Groups, MSME as well as Public Sector Organizations. By participation in ITC, organizations and decision makers have significantly enhanced their perspective by comfortable knowledge sharing, getting an in-depth insight into the latest technology trends, its adoption and applying the same for their respective industry solutions.

Government's initiatives such as '**Make in India**,' '**Digital India**,' '**Infrastructure Modernization**' & others have been embedded in the program by design in ITC-2017. The emphasis laid on the future of Industrial Engineering Technologies in India and elsewhere. IoT (Internet of Things) with advances in Hardware & Software becoming the prime drivers of fourth industrial revolution - The '**Industry 4.0**' is here to experience in a real sense at ITC-2017.

At Indian Technology Congress we give delegates the chance to be part of the manufacturing business ecosystem, so you will find our manufacturing offers exciting. As a result, IIPE and the WCPS will launch industry 4 : Productivity and Innovation in Manufacturing at ITC 2017 to focus on improving the 'human-social economic and environment productivities' , projects to take up challenge will be based through the WCPS network partners, each project represents manufacturing sub-sectors and sizes with our supporting softwares, exploring approaches to boost skills and work place social innovative practices.

Future of Industrial IoT (IIoT)

Challenges & Opportunities of Industry 4.0

Manufacturing Simulation (AR, VR, AI)

Contemporary Technologies for a Sustainable Future

Technologies Adoption for Industrial Sector

Innovative Technologies for Industrial Applications

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**World Confederation of
Productivity Science**

In seeking to achieve this vision, our mission is to catalyse and facilitate the adoption of appropriate policy frameworks, infrastructure elements, methodologies, tools and techniques that help nations, regions and organizations develop and realize their full potential to develop social, environmental and economic productivity.

In furtherance of this mission, we create forums and facilitate dialogue to accelerate the recognition of the inter-connectedness of social, environmental and economic productivity and how they may be implemented to create sustainable prosperity and competitiveness.

www.wcps.info/

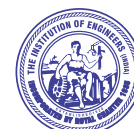


**Indian Institution of
Production Engineers**

Indian Institution of Production Engineers (IIPE), especially for manufacturing sector, provides to improve their working practices and their performance in order to improve their competitiveness. However, the other organisations may not be able to afford an expensive consultant and they not even have the 'organisational culture' and maturity to engage with such a consultant.

IIPE will approach to performance and productivity improvement that distills the main elements of production and productivity approach into relatively simple sets of concepts and practices which should be capable of being assimilated by inexperienced and unsophisticated organisations.

www.iipeonline.org/



**The Institution of
Engineers (India)**

IEI envisioned as a continuing forum for national and international co-operation engaged in the cause of advancing the multiple fields of engineering and technology and directing its resources to harness nature for the benefit of the Nation. IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share a professional interest. IEI has a membership strength of over a million and incorporated by Royal Charter in 1935.

Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. It provides a vast array of technical, professional and supporting services to the Government, Industries and Academia operating from 125 Centres located across the country.

www.ieindia.org